

C L A I M S :

(amended January 16, 1996)

1. Cytokine CC-1 having the amino acid sequence according to SEQ ID No. 6 and its biologically active amidized, acetylated, phosphorylated and/or glycosylated derivatives.
2. A polynucleotide coding for cytokine CC-1 of claim 1.
3. The polynucleotide according to claim 2, characterized by being a cDNA fragment according to SEQ ID No. 7.
4. A process for the preparation of a cytokine CC-1 of claim 1 by the extraction of hemofiltrate, cation-exchange extraction, followed by elution of the adsorbed substances; ammonium sulfate precipitation of the peptides and proteins present in the eluate; taking up the precipitate in aqueous solution and once more precipitation with a lower alcohol and cation-exchange chromatography, and reversed-phase chromatography.
5. A medicament containing cytokine CC-1 of claim 1 as the active ingredient.
6. A diagnostic agent containing polyclonal or monoclonal antibodies against cytokine CC-1 of claim 1, or the nucleic acid or mRNA coding for said cytokine.
7. Use of cytokine CC-1 of claim 1 for the preparation of a medicament for the treatment of disturbances of cell migration, diseases of the immune system, tumors, and dysfunctions of regulatory growth functions.
8. Nucleic acid probes hybridizing to a polynucleotide of claim 2.